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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/914,308	10/17/2001	Jukka Vialen	4925-139PUS	2179

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EXAMINER

LE, KIET T

ART UNIT	PAPER NUMBER
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2683

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DATE MAILED: 02/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/914,308

Applicant(s)

VIALEN ET AL.

Examiner

Kiet T Le

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 - 7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1- 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephenson et al (US – 6,119,000) on further view of Widegren et al (US – 6,374,112).

Regarding **claim 1**, Stephenson discloses in a cellular telecommunication network, a method for allocation of a temporary mobile station identifier, characterized in that the method comprises steps, in which

- the network checks, if a stage change is needed for a mobile station (see col. 7, lines 33 – 45).
- said temporary mobile station identifier is indicated to said mobile station (see col. 8, lines 30 - 39).
- a network allocates a temporary mobile station identifier (see co. 8, lines 30 – 39).

However, Stephenson fails to disclose a controlling radio network controller, Widegren teaches a controlling radio network controller (see fig.1, RNC, 26). Therefore, it would have been obvious to one of the ordinary skills in the art at the time of invention to provide the above teaching of Widegren to Stephenson in order to expand and improve the third generation communication in the mobile telecommunication network.

Regarding to **claim 2**, the combination of Stephen and Widegren disclose the

method further comprises steps, in which

- a controlling radio network controller allocates said temporary mobile station identifier for a mobile station as a response to receiving a paging request for the mobile station from a serving radio network controller (see Stephenson, col. 8, lines 30 – 39).
- said controlling radio network controller indicates said allocated identifier to the mobile station by attaching said allocated identifier as a parameter to a paging request transmitted to the mobile station (see Stephenson, col. 22, lines 5 – 10).

Regarding **Claim 3**, the combination of Stephenson and Widegren disclose characterised in that if the mobile station does not respond to the paging request, said controlling radio network controller releases said temporary identifier (see Stephenson, col. 8, lines 30 – 39).

Regarding **Claim 4**, the combination of Stephenson and Widegren disclose characterised in that the method further comprises steps, in which

- a controlling radio network controller allocates said temporary mobile station identifier for a mobile station as a response to receiving a paging request response from the mobile station (see Stephenson, col. 8, lines 30 – 39),
- said controlling radio network controller indicates said allocated identifier to the mobile station using a separate message (see Stephenson, col. 2, lines 22 – 35).

Regarding **claim 5**, the combination of Stephenson and Widegren disclose characterised in that if in said step of checking it is found that a state change from DCH to CCH state is needed, said allocated identifier is indicated to the mobile station with a

message that triggers the state change from DCH to CCH state (see Widegren, col. 9, lines 5 – lines 32).

Regarding **claim 6**, the combination of Stephenson and Widegren disclose characterised in that said temporary mobile station identifier is used for identifying the mobile station in signaling between two radio network controllers (see Stephenson, col. 3, lines 26 - 33).

Regarding **claim 7**, the combination of Stephenson and Widegren disclose characterised in that a dedicated temporary mobile station identifier is used for identifying the mobile station in signaling between two radio network controllers (see Stephenson, col. 22, lines 23 – 35).


Conclusion

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Kiet T. Le whose telephone number is (703) 305-9006. The examiner can normally be reached on Monday-Friday from 8:00 am to 6:00pm. If attempts to reach the examiner by phone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703)-308-5318. The fax number for this group is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Kiet T. Le

Jan 28, 2004


WILLIAM TROST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600